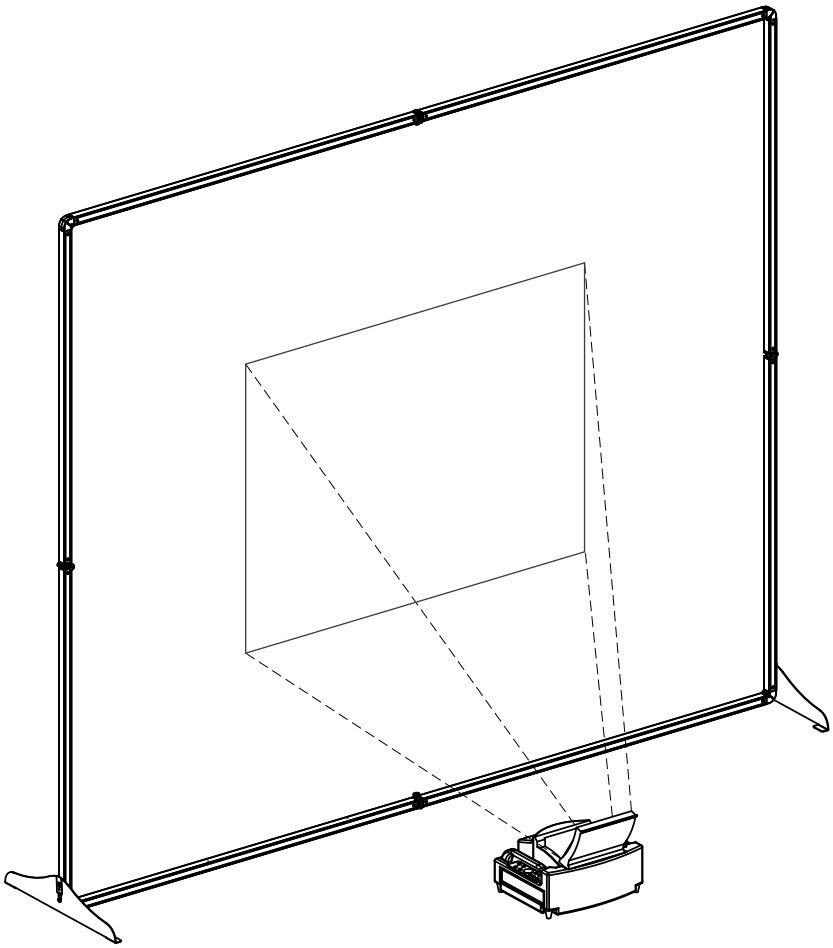

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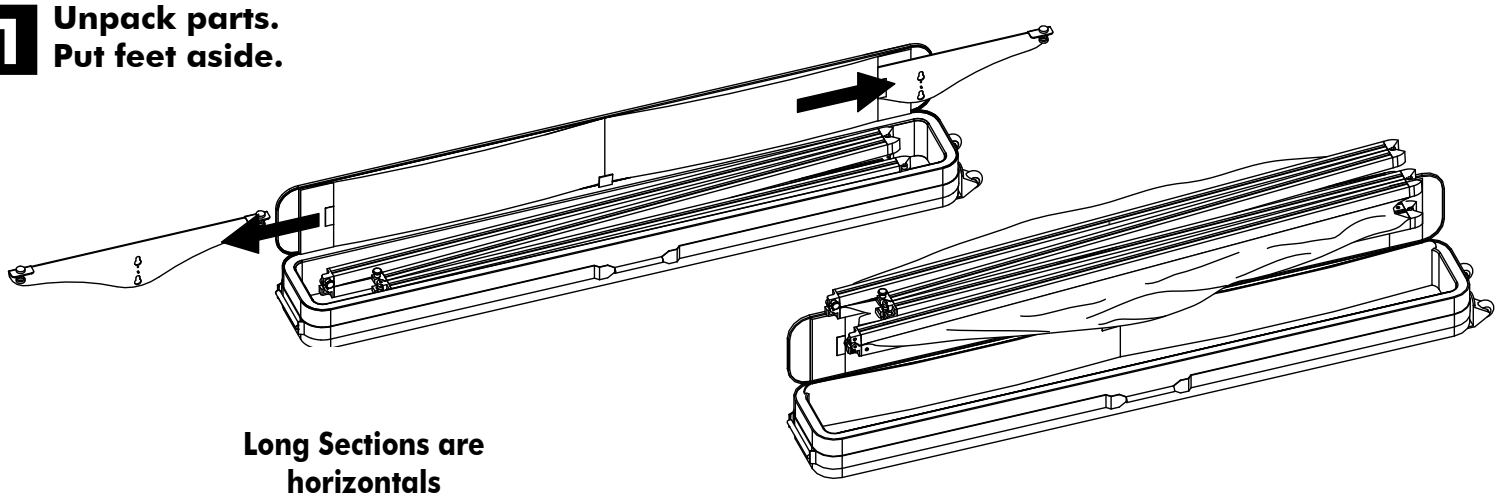
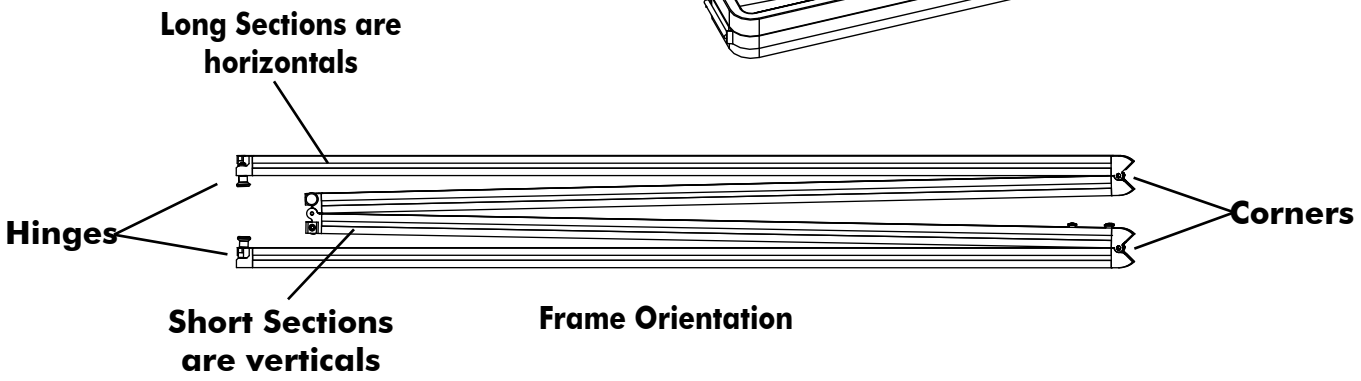
Before setting up the DesignView Presentation System for the first time, read these instructions carefully. Although this product has been designed for safety, injury could occur if certain precautions are not followed.

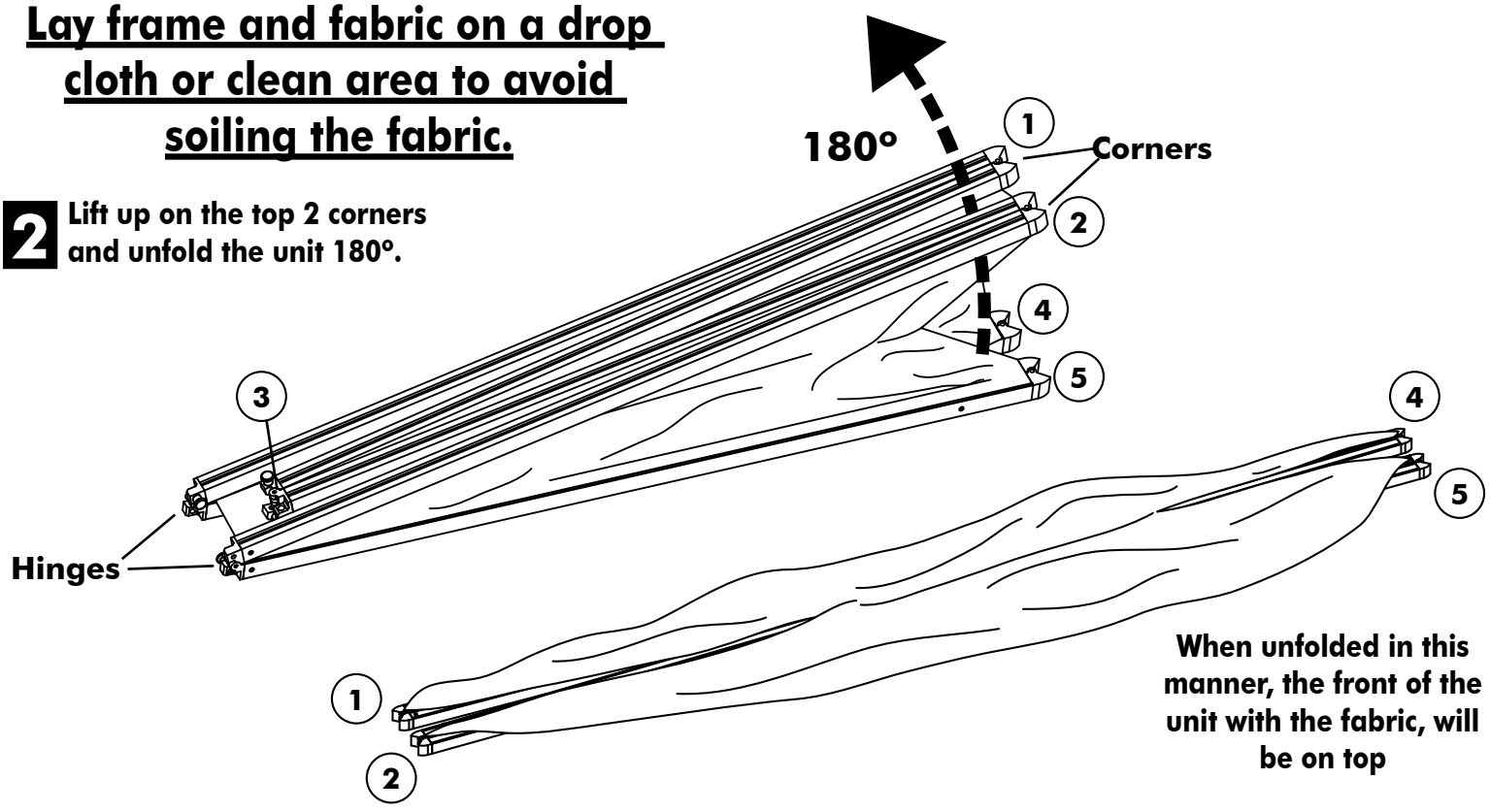
1 **Unpack parts.**
Put feet aside.





Lay frame and fabric on a drop cloth or clean area to avoid soiling the fabric.

2 **Lift up on the top 2 corners and unfold the unit 180°.**



When unfolded in this manner, the front of the unit with the fabric, will be on top

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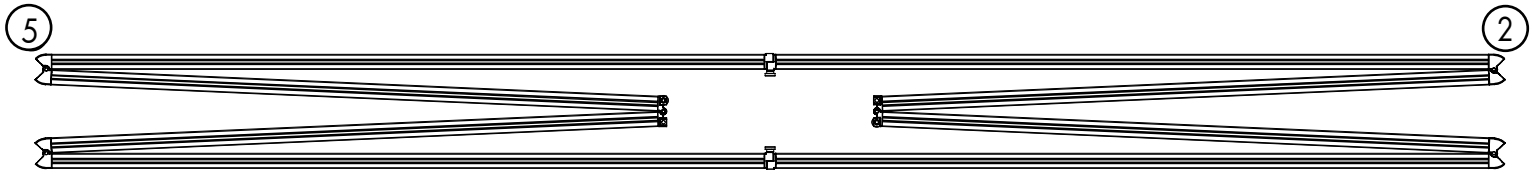
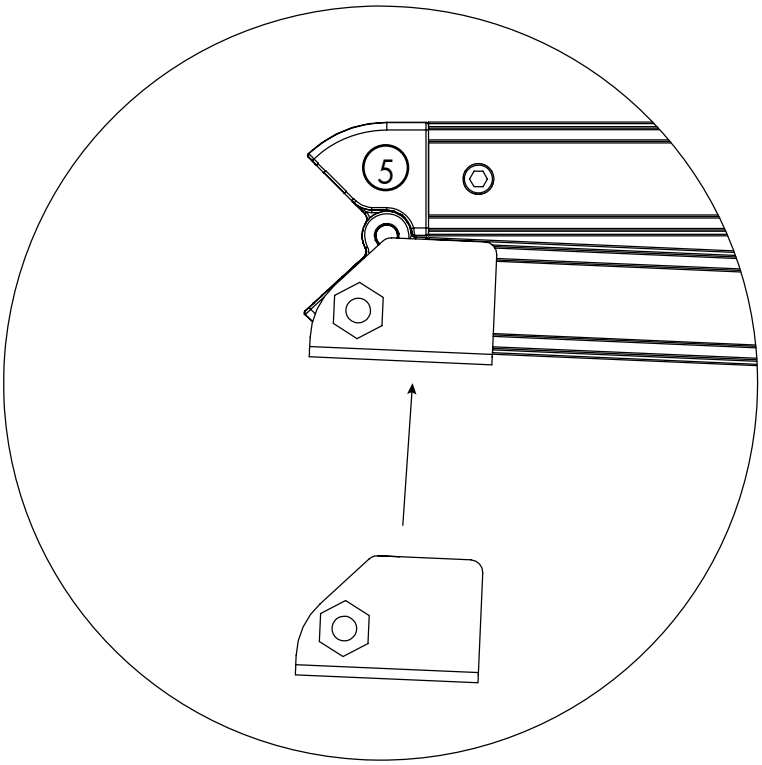
FABRIC DRAPE: Recommended for brighter venues. (optional) The drape will be installed after the frame is unfolded, before it's tipped up to put the feet on.

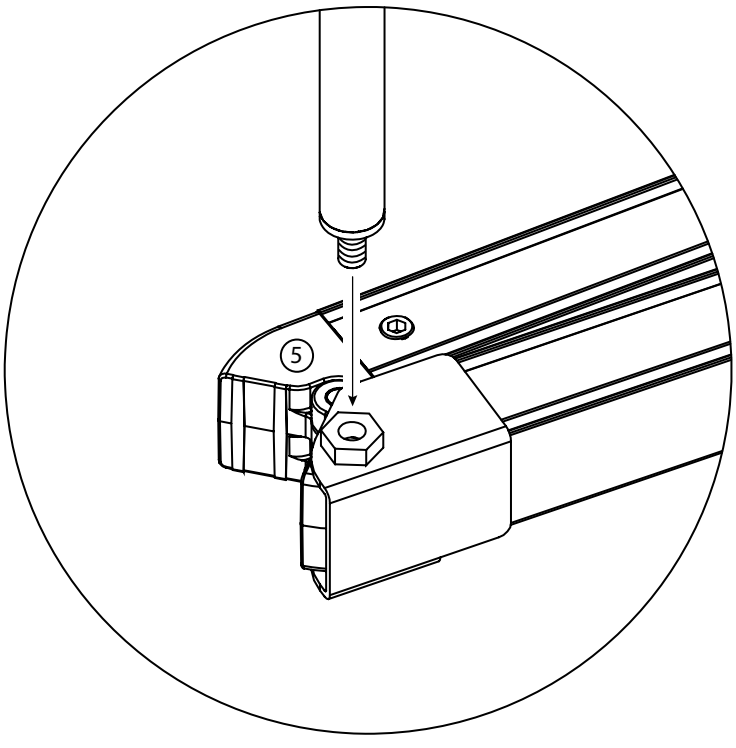


Place frame with the graphic side down



1) Clean frame where the brackets will be installed with alcohol swab.
2) Remove tape from both brackets (first time only), and press firmly to install on corners numbered 2 and 5. Make sure the bracket is not protruding past the corners.

For best adhesion results, apply corner brackets 24-72 hrs before using the DesignView System.



3) Thread the first pole into the nut, making sure it is straight, or cross threading may occur. Tighten pole down.

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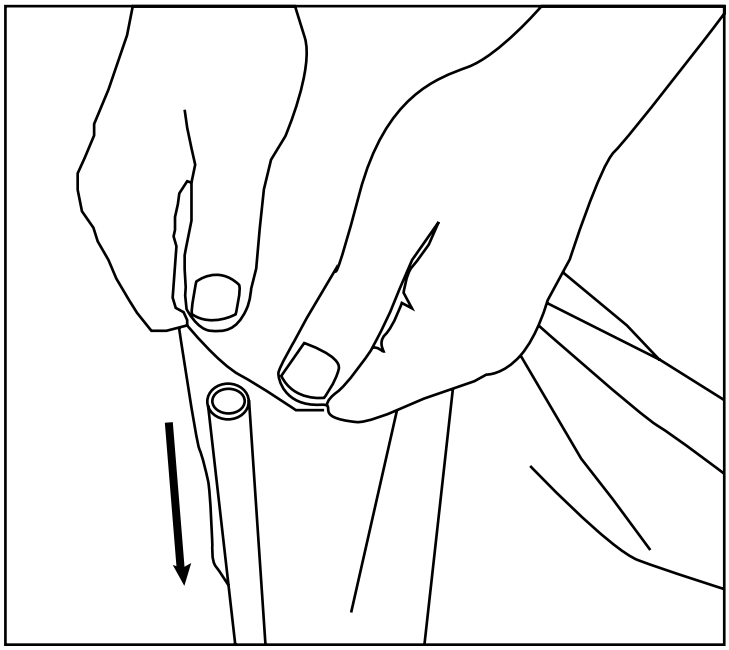
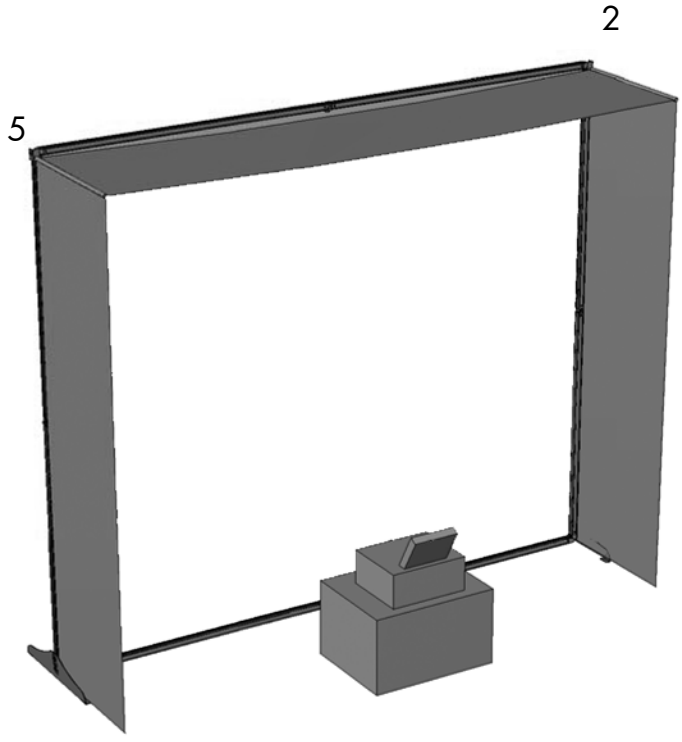


4) Slide fabric banner over first pole

5) Insert second pole into fabric on opposite corner.

6) Proceed to thread the second pole into the nut, making sure it is both straight & tight. (Corner #2)

7) Attach the feet and unfold the frame per set-up instructions.



BACK VIEW

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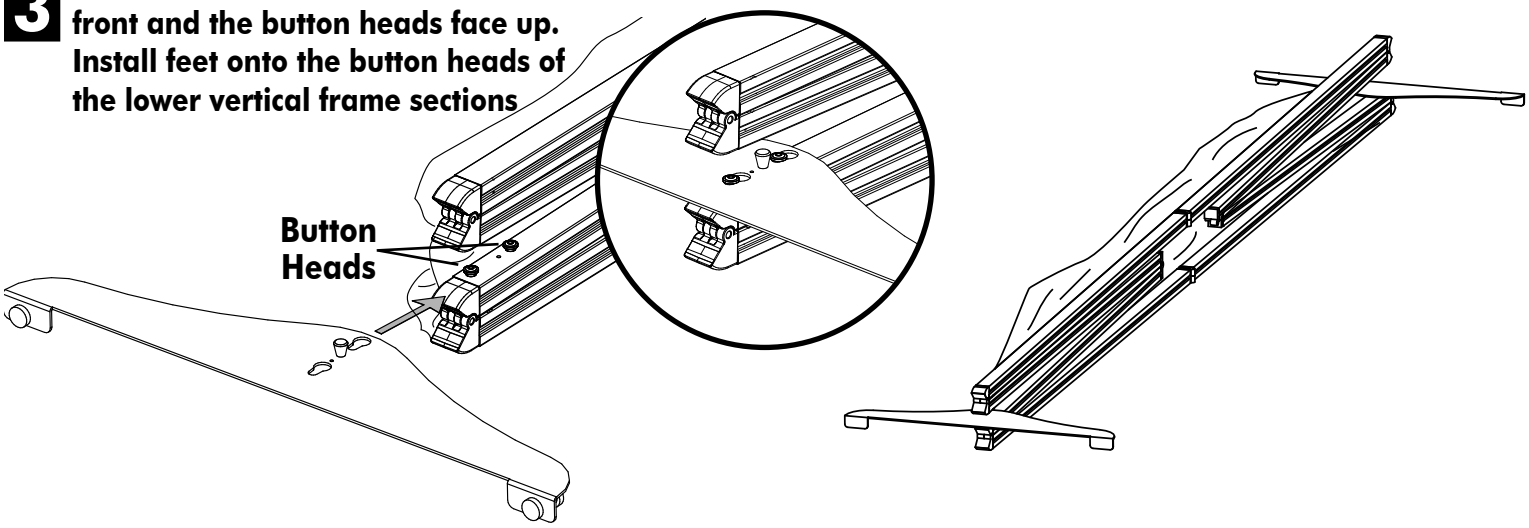
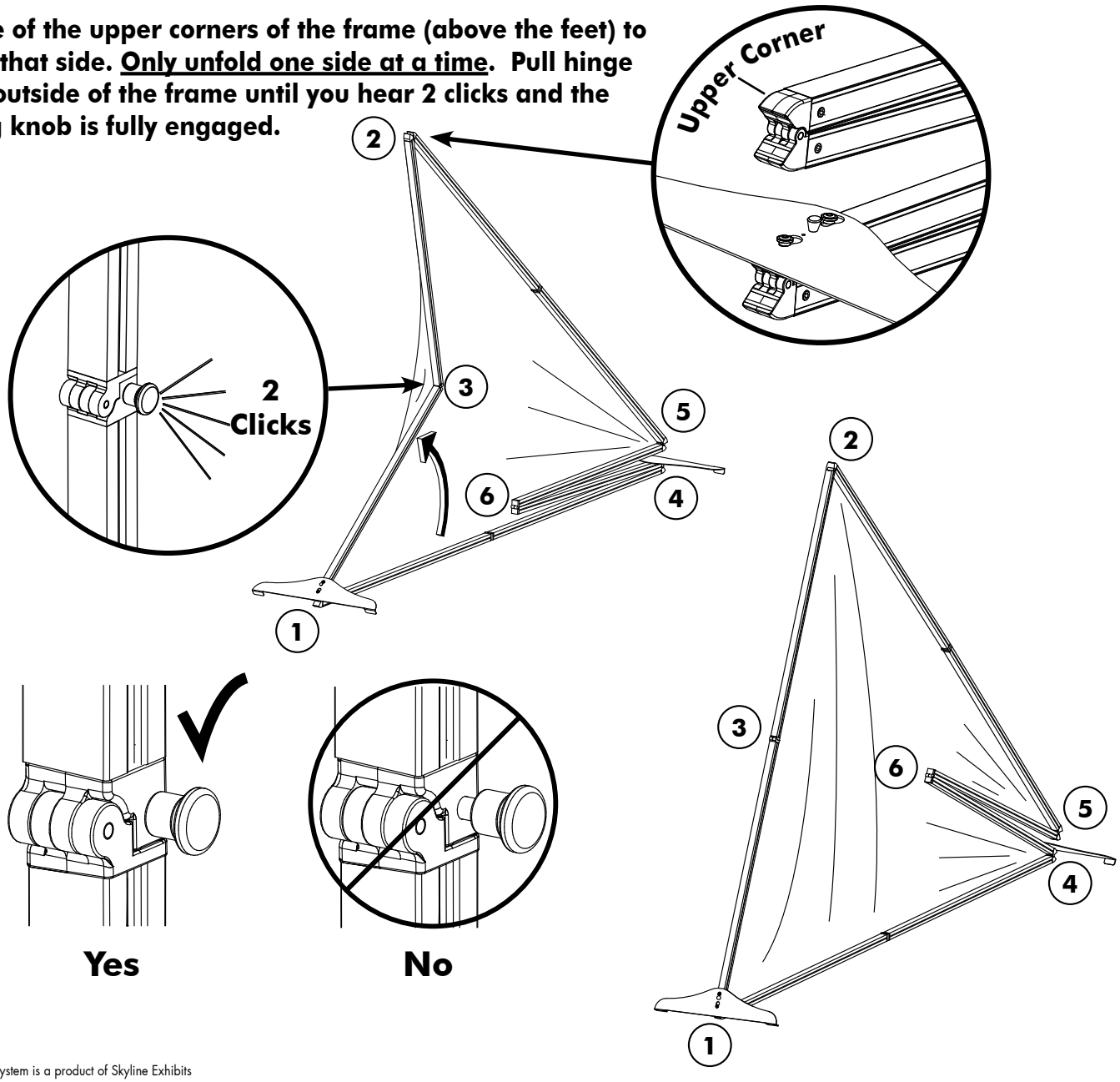
3 **Rotate frame so that the fabric is to the front and the button heads face up. Install feet onto the button heads of the lower vertical frame sections**



4 **Lift one of the upper corners of the frame (above the feet) to unfold that side. <u>Only unfold one side at a time</u>. Pull hinge to the outside of the frame until you hear 2 clicks and the locking knob is fully engaged.**



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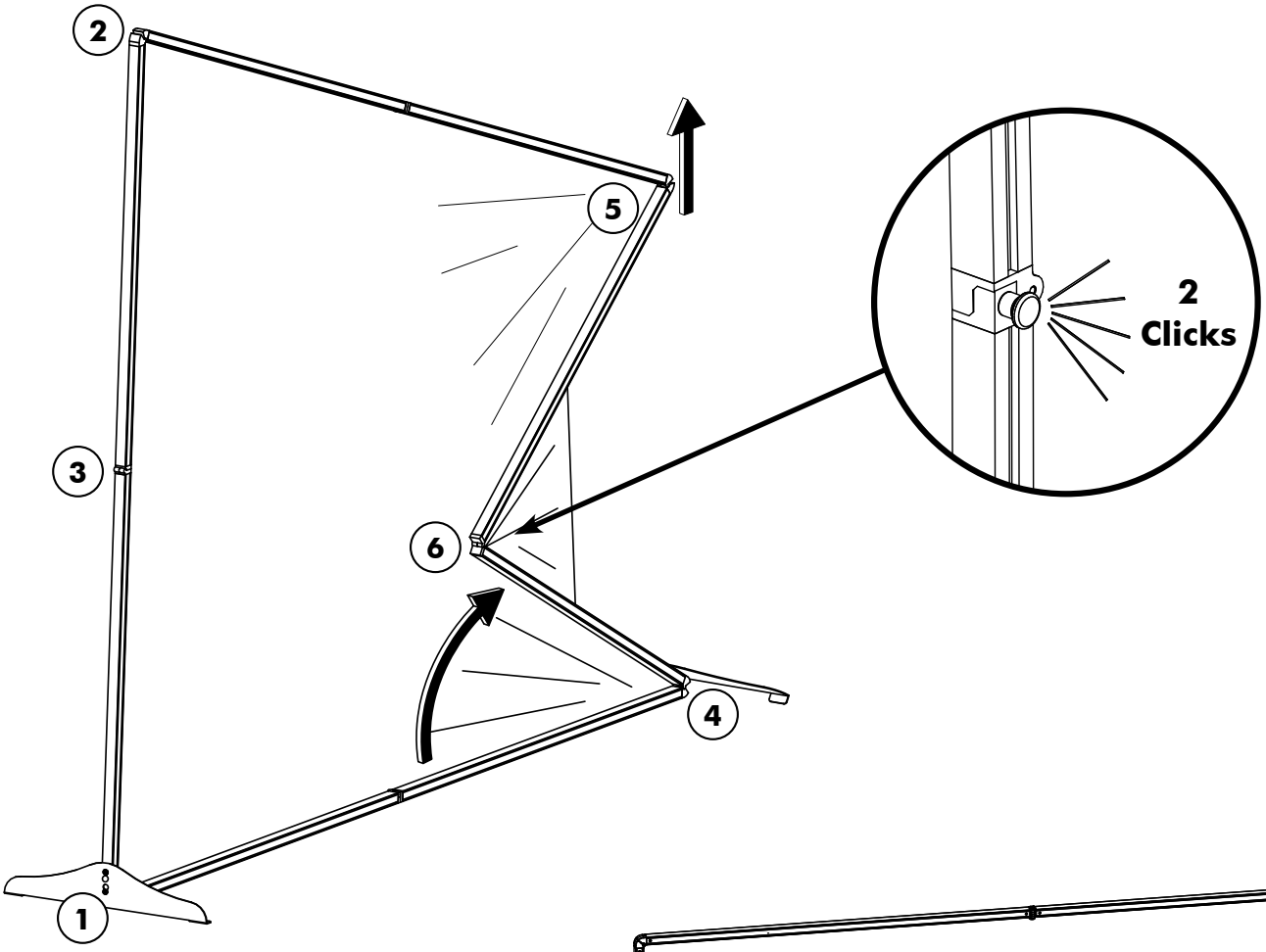
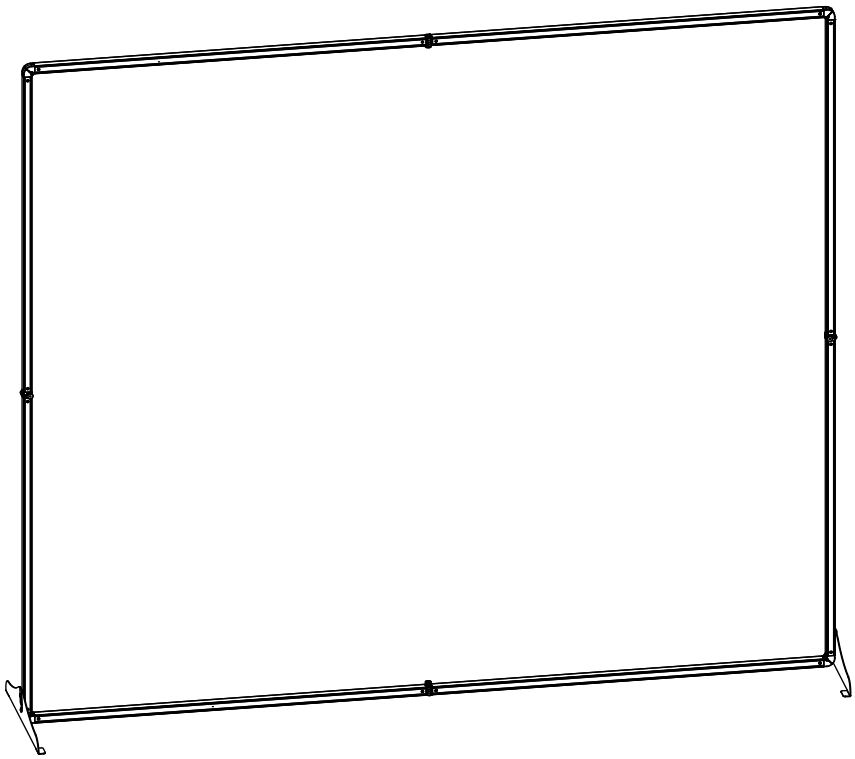
5 **Repeat Step 4 for the last vertical side.**





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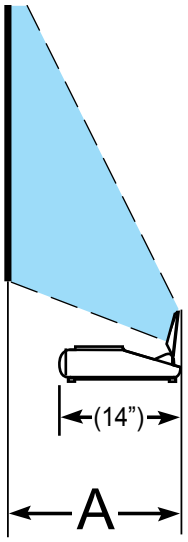
Dukane 8101H Projector Support Resources:

1. These quick Start instructions are meant to serve as a supplemental reference during your trade show set up. Please refer to the instructions enclosed with your projector before you set it up for the first time as they include more detailed information on how to set up and operate your projector safely and more effectively.
   - Dukane provides directions in a Concise User manual as well as in a more comprehensive booklet and CD formats.
2. If you are unable to resolve issues by reviewing these instructions please review the Dukane website at http://www.dukane.com/av/service/default.asp
3. Call Toll-free Support During Business Hours 800-676-2487.
   Emergency Technical Support After hours 630-632-5244 or 630-464-0783

Steps to set up the Dukane Projector

1. **Place the projector on the surface you will be using to project from** (floor or projector case) **behind** (or in front of) **the projection screen.** The projector should be centered on the projection area (white space) and parallel to the screen.
2. Determine the distance between the projector and the projection screen by referring to the set up grid below.

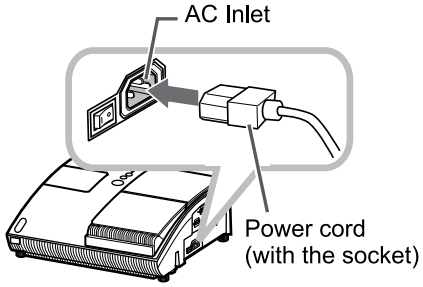
CHOOSE YOUR VIDEO SIZE	**APPROXIMATE** EXHIBIT SPACE NEEDED - DISTANCE FROM SCREEN TO FAR SIDE OF PROJECTOR	
Diagonal Video Size When Fabric Is Stretched On Frame	**Projector On Floor**	**Projector On Case**
50" (127 cm)	N/A	17" (43 cm)
66.7" (169 cm)	N/A	23" (58 cm)
75" (191 cm)	N/A	26" (66 cm)
92" (234 cm)	31" (79 cm)	N/A
100" (254 cm)	34" (86 cm)	N/A



For example, if your projection area (white space) is a diagonal video size of 100" (254 cm), place the rear of your projector (distance A) 34" (86 cm) away from the screen.

The projector should be placed on the case for the three smallest screen sizes.

3. **Plug power cord into projector and AC outlet.**



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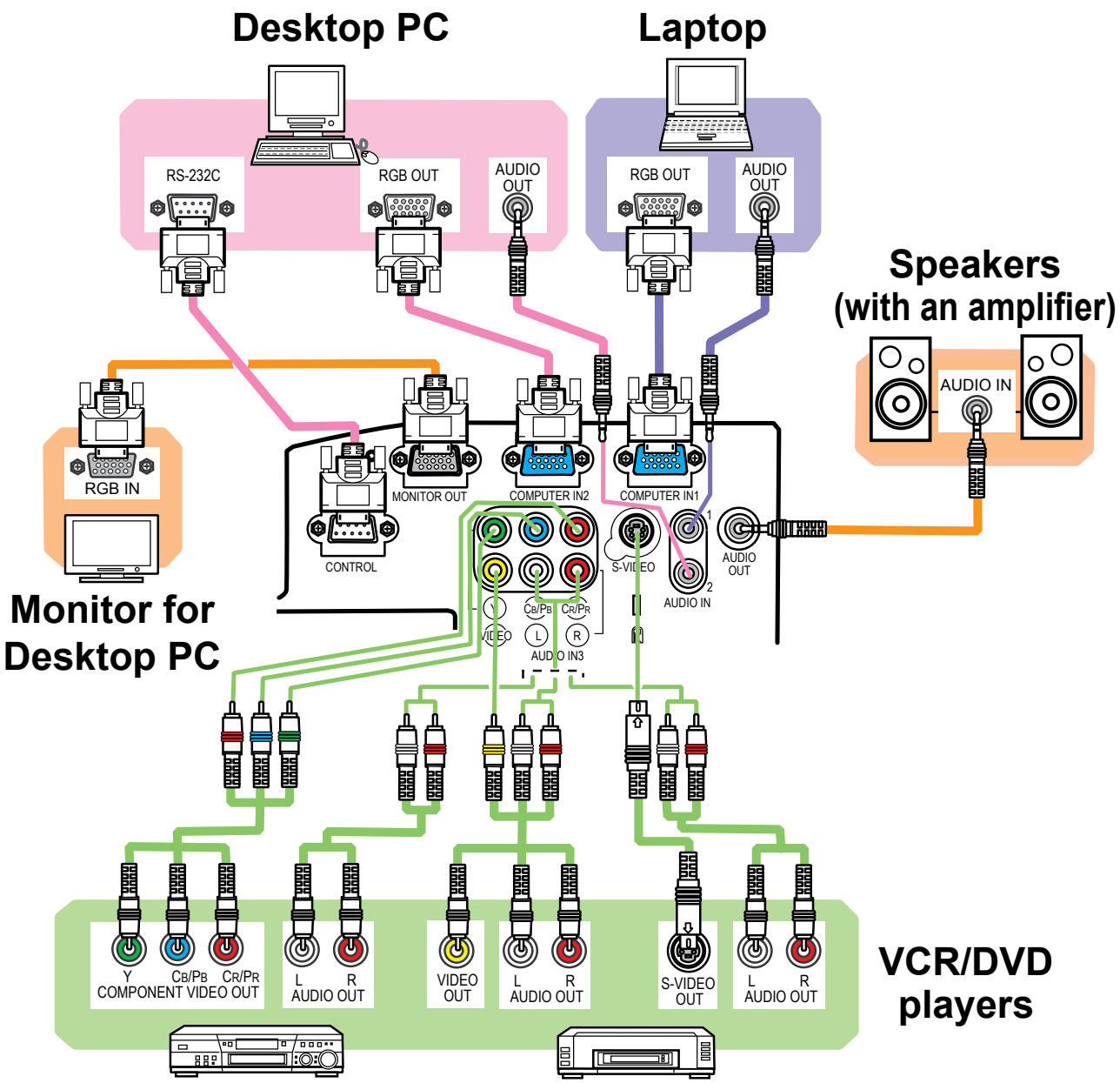
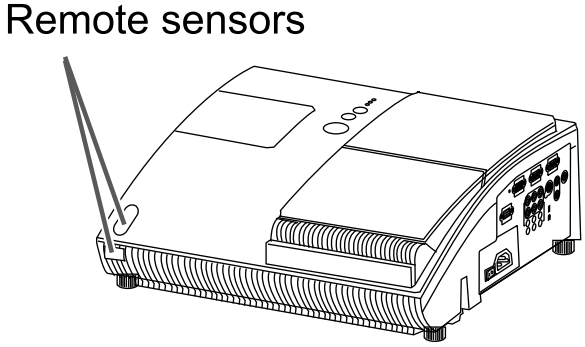
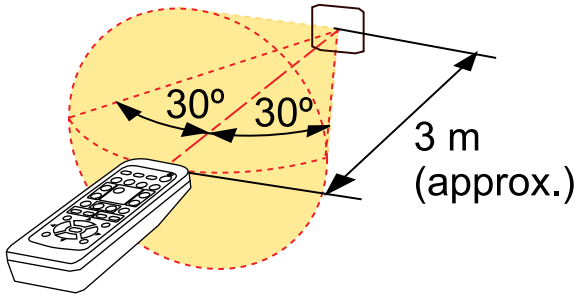
4. **Connect the projector to your image source, such as a computer or DVD player.**



5. **Prepare the remote control by making sure it has batteries.** Always point the remote control to the active sensor in the front of the projector, to assure it receives the signal. (For details, review the Operating Guide on the





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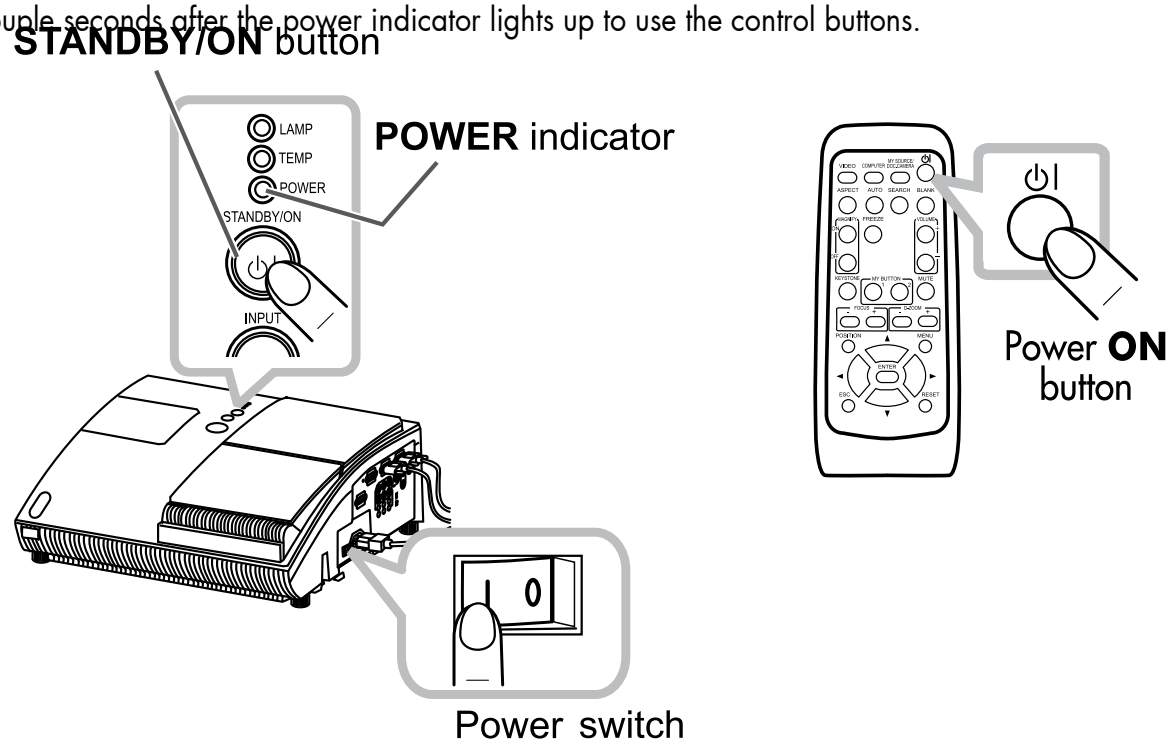
CD.)

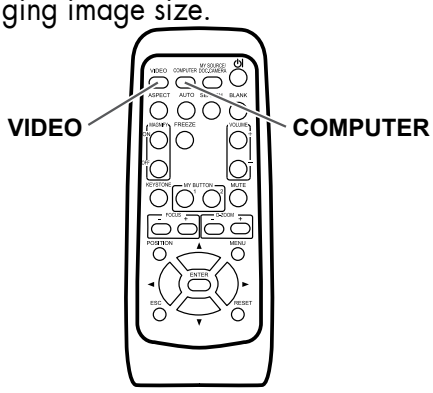
6. **Turn on the main power switch** by pressing the projector **Power Switch** to the **"I"** position. Then press the Power **"STANDBY/ON"** button on the top of the projector OR the Power **"ON"** button on the remote control for a minimum of two seconds, until the power indicator light turns green.

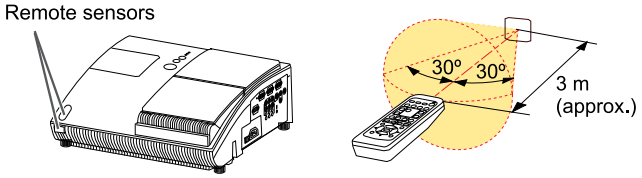
   Wait a couple seconds after the power indicator lights up to use the control buttons.



7. **Move the projector closer to or farther from the screen, until the image fits outside of the screen borders.** Note that as the size of the image increases or decreases, the displayed image will move up or down. Smaller images will move less than larger ones. **The screen height may have to be changed using the adjustable feet, if the projector is moved.** The distance between the screen and projector cannot be changed without changing image size.

8. **To Display and switch the image,** press the **VIDEO** or **COMPUTER** button on the remote to see the image from one of the active input ports. Each time you press the button, the port is switched (when there are two or more signals going into the projector.) Make sure that the remote control





   is pointed at the sensor in the projector to assure it receives the signal. NOTE: If screen proportion is off, press function key **F8** on the computer (the function key used may vary, depending on the computer.) The most common resolution is 1024 x 768.

9. **To adjust from front to rear projection:**

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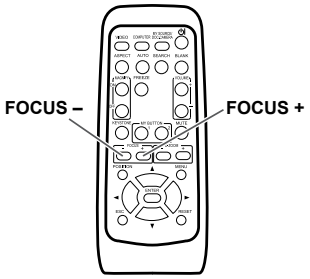
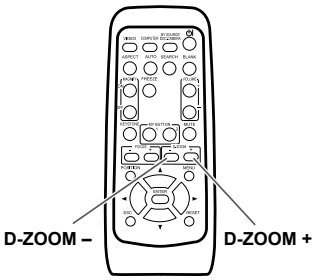
- Press the **MENU** button on the remote to access the **EASY MENU**.
- Select the **MIRROR** option and use the up/down arrow buttons to choose **H-Invert**.



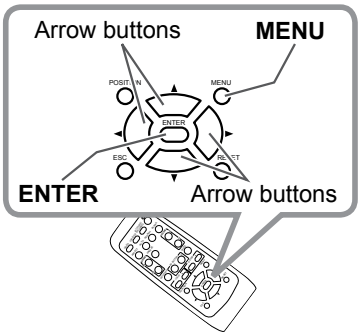
10. **ADJUST THE PROJECTOR FOCUS AS NEEDED.**
    Use the **FOCUS +** and **FOCUS –** buttons on the projector or remote control to adjust the screen focus.

11. **SELECT THE ASPECT RATIO.**
    Press the **ASPECT** button on the remote control to switch to the appropriate aspect ratio. Standard DesignView screens are set up for a 4:3 ratio.



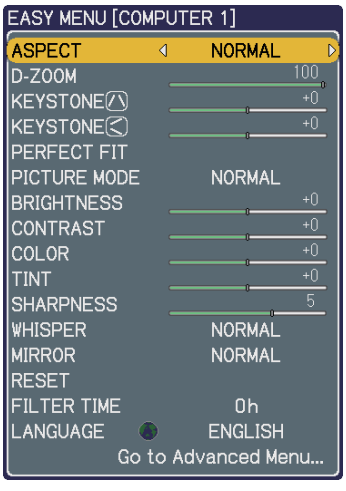
12. **ZOOM** by using the **D-ZOOM +** and the **D-ZOOM -** buttons on the remote control to adjust the screen size.

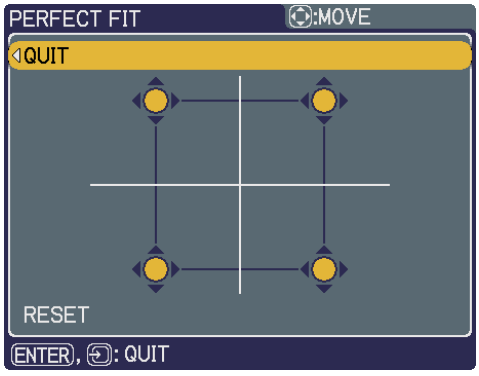
13. **Adjust the projected picture position** by pressing the **POSITION** button on the remote control & using the arrow buttons. Press the **POSITION** button when finished. (NOTE: If your image size is at 100%, the image position may not shift.)



14. **FITTING THE PROJECTED IMAGE TO THE PROJECTION AREA IN YOUR SCREEN:**
    Press the **MENU** button on the remote to access the **EASY MENU** (pictured below left.) Select the **PERFECT FIT** option and press **ENTER**. You will see the adjustment dialog box (pictured below right.)

    a. Choose the corner to adjust using the arrow buttons & press **ENTER.**
    b. Use the arrow buttons to adjust the position of the corner.
    c. Press **ENTER** when you reach the desired location to exit the adjustment of the corner.





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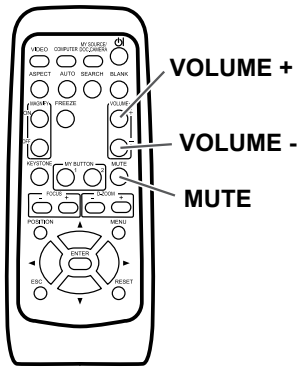
d. Repeat steps a-c to adjust other corners.

To reset the adjustment of all the corners, select **RESET** using up or down arrow buttons and press **ENTER**.

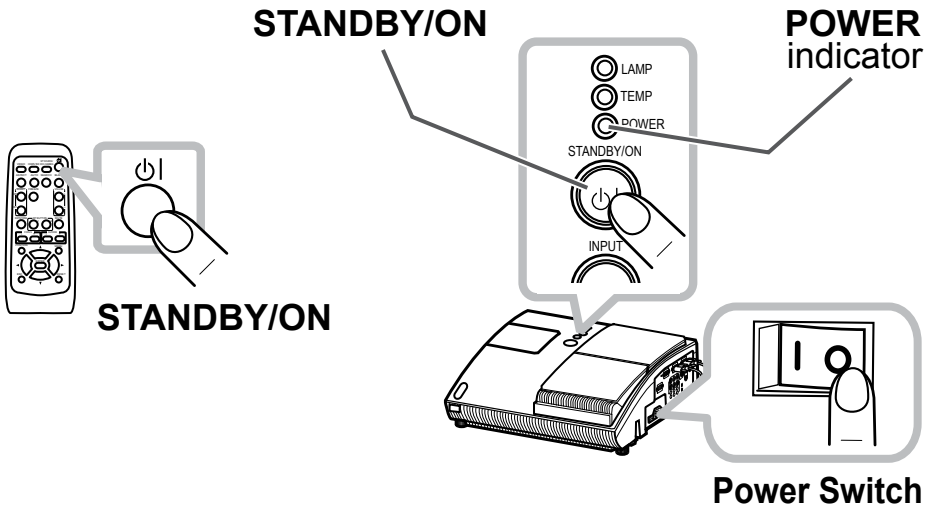


15. **To adjust the volume,** use the **VOLUME+** and **VOLUME-** buttons on the remote control.
    - To mute, simply press the **MUTE** button.
    - Press the **MUTE** button again to restore sound.

16. If image appears washed-out, press the **MENU** button on the remote to access the **EASY MENU** & adjust **PICTURE MODE**, **BRIGHTNESS**, **SHARPNESS** and **CONTRAST**, as needed.

Note: High-contrast content is recommended for environments with bright ambient lighting.

17. **SHUTTING DOWN THE PROJECTOR:**



Press the **STANDBY/ON** button on the remote control or projector. The **"POWER OFF?"** dialog appears on the screen for 5 seconds. Confirm that the lens door will not hit anything when closing. Then press the **STANDBY/ON** button again while the message appears. The projection lamp will go off, lens door will close, and the **POWER** indicator will begin to blink orange.

NOTE: To cool the projector, wait until the **POWER indicator** turns a steady orange before turning the **Power Switch** off.

These abbreviated instructions are provided for your convenience, but should not be used as a replacement for carefully reading all the manuals for this product. Please note that the manufacturer provides a concise user manual and a more complete manual, in both booklet and CD formats. Follow all the instructions in those manuals, or on the product, for optimum performance.

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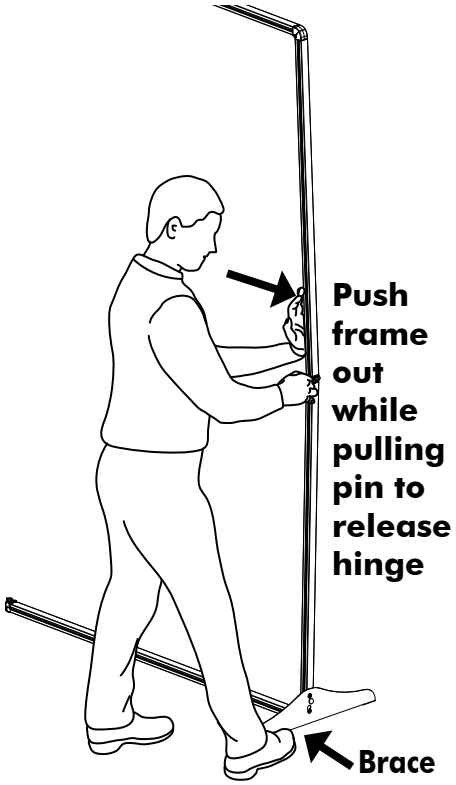
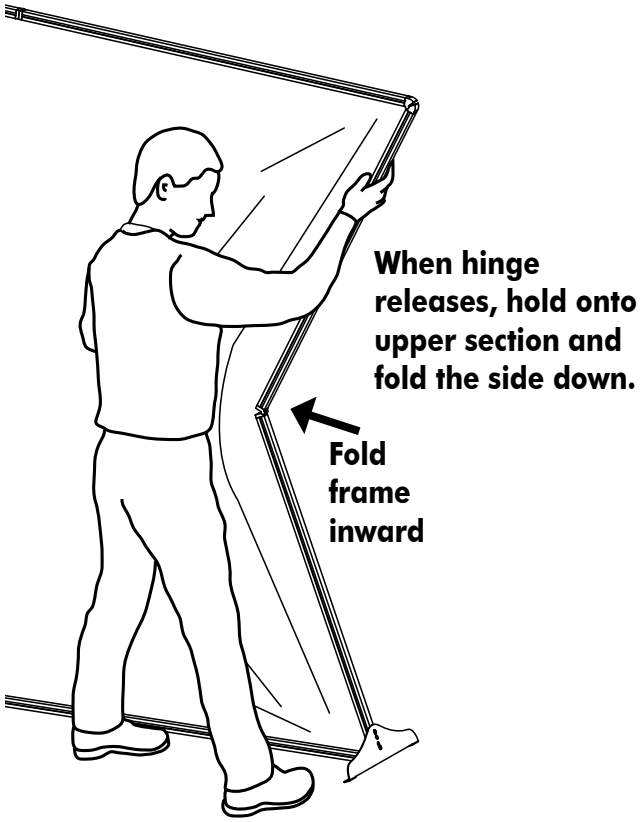
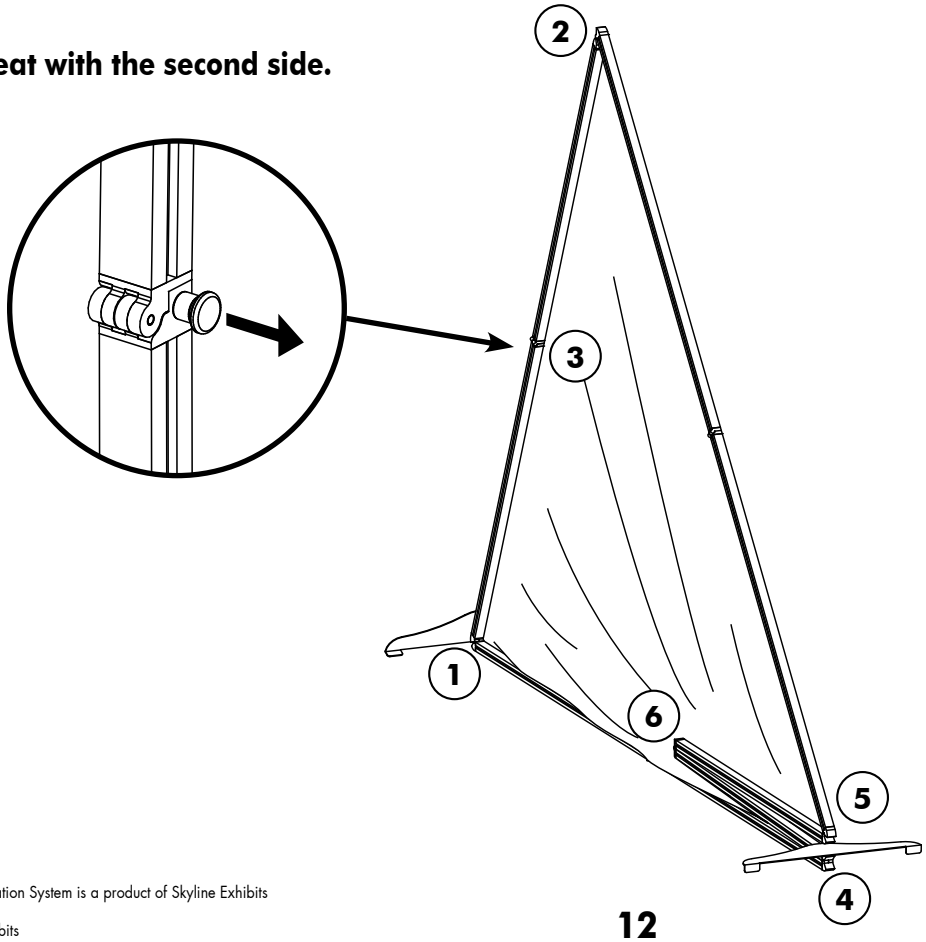
1 **The hinges have a tension lock.**

To release the tension, brace the bottom of the frame with your foot, and push outward on the section of the frame above the hinge while pulling the locking pin of the hinge out.





2 **Repeat with the second side.**



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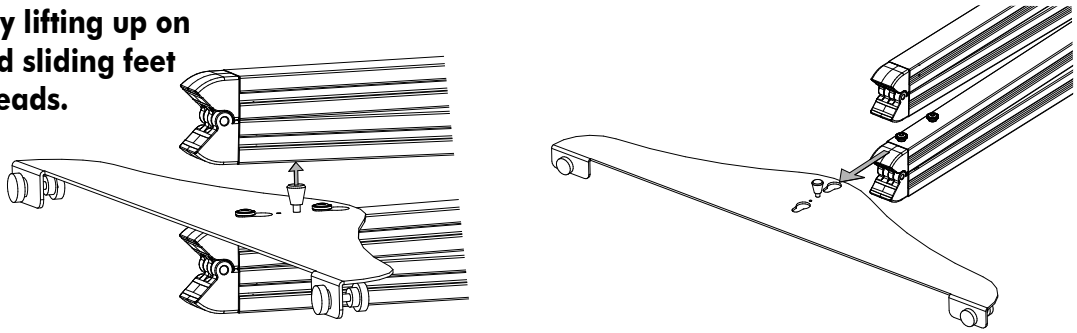
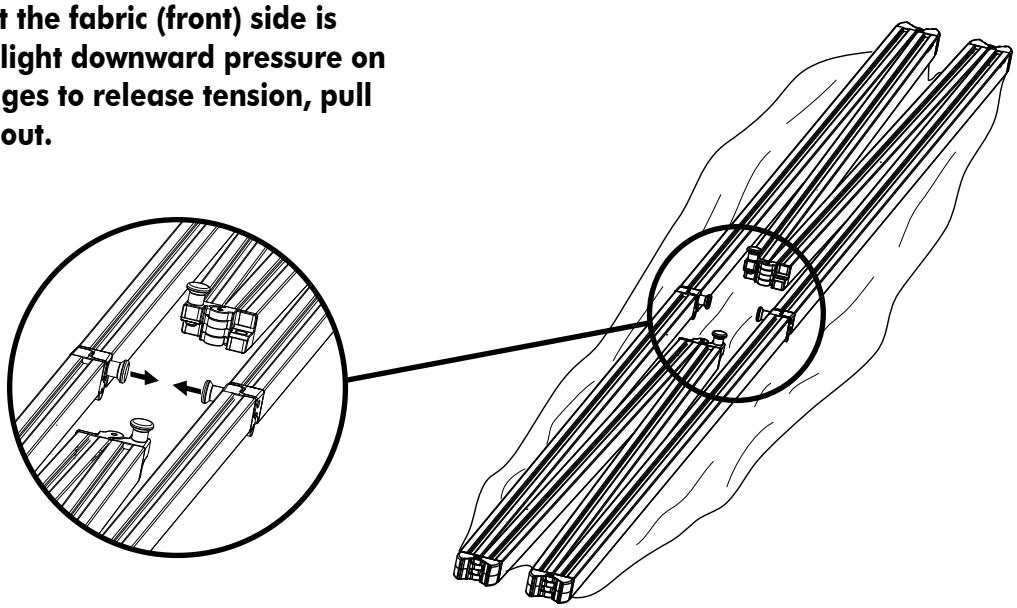
Make sure to lay frame and fabric on a drop cloth or clean area to avoid soiling the fabric.

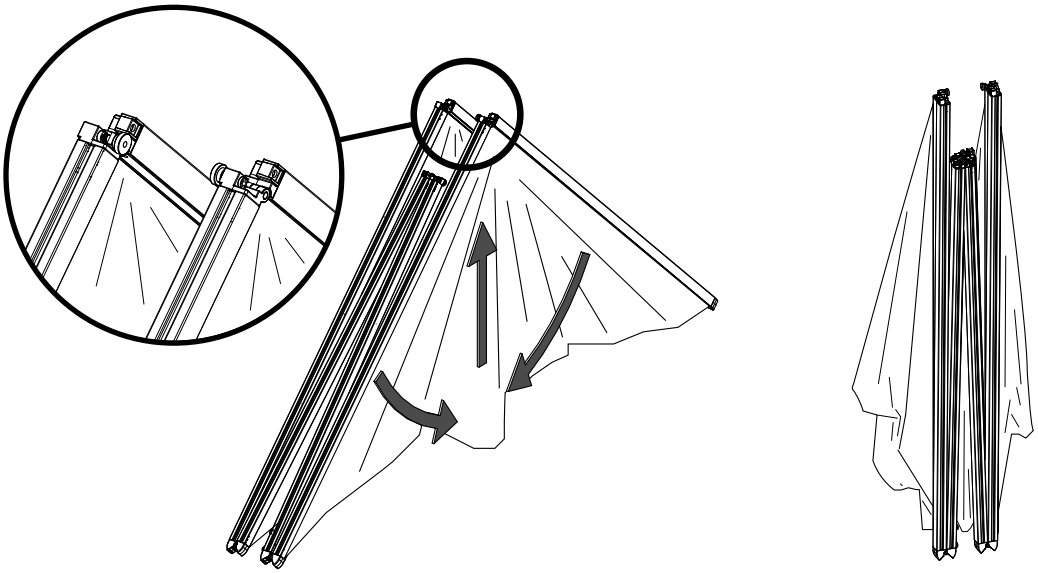
3 **Remove Feet by lifting up on locking pin and sliding feet off of button heads.**



4 **Turn frame so that the fabric (front) side is down. Applying slight downward pressure on the horizontal hinges to release tension, pull both locking pins out.**



5 **Lift up with the locking pins to fold the frame. Frame can then be packed in the case.**



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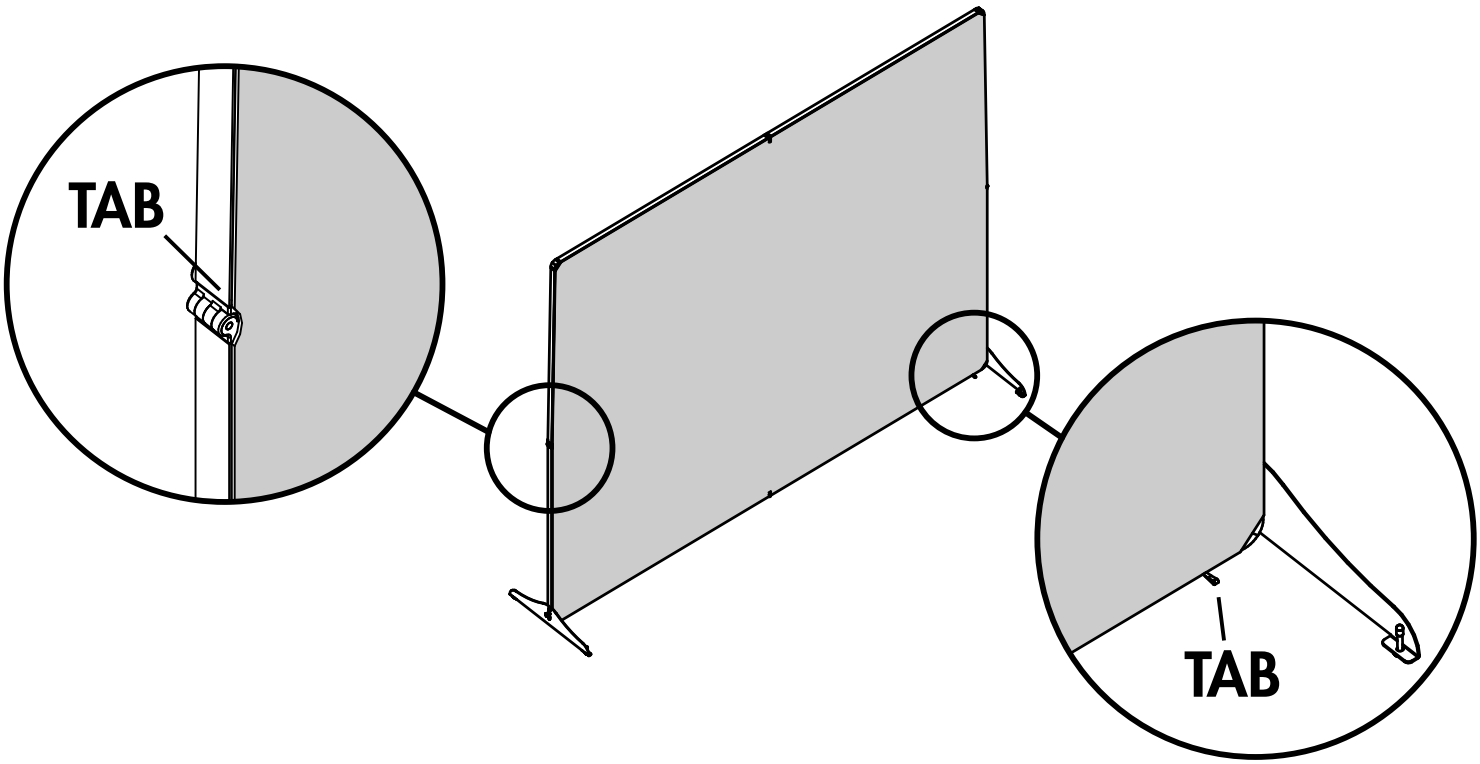
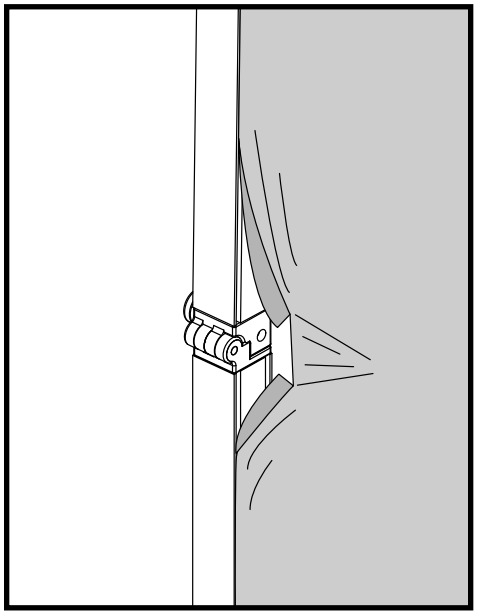
REPLACING DESIGNVIEW PROJECTION SCREEN FABRIC

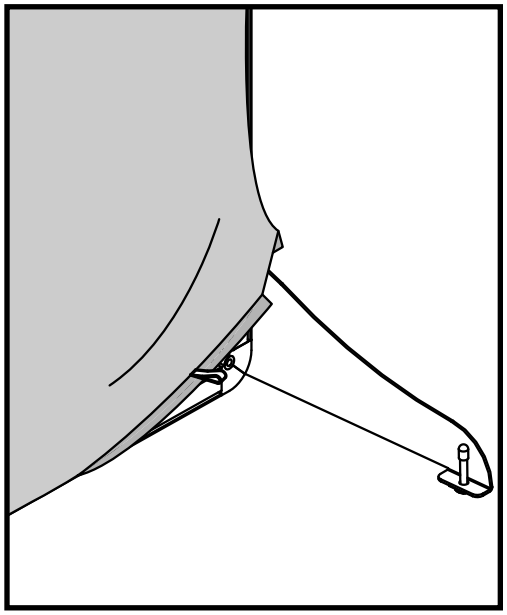
Removing existing fabric

1. Open the frame and find the loop tab along the bottom front right of your fabric. Pull it gently. (If the loop has been removed or broken after long-term use, pull on the side tab of the fabric located next to the locking knob.)



2. Pull fabric off the frame starting at the tab or locking knob hinge area. Remove the fabric by gently pulling until it is no longer attached.





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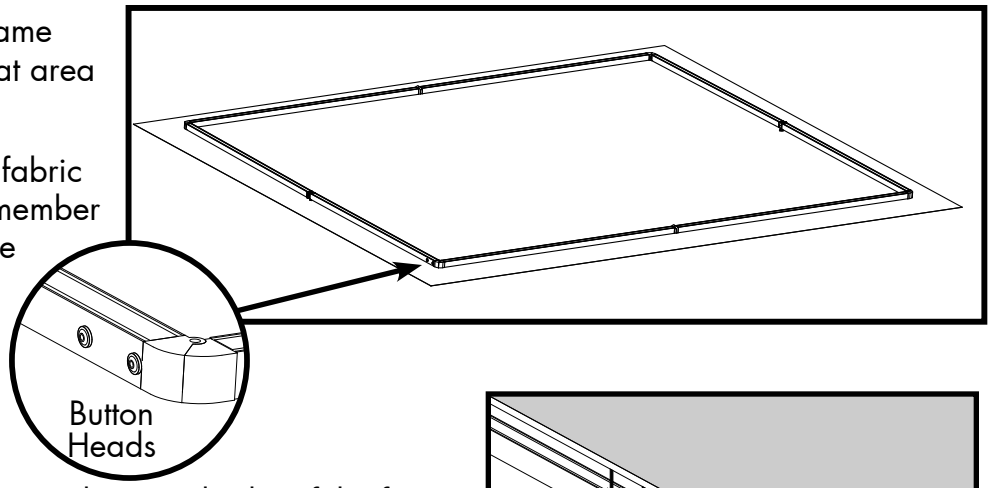
INSTALLING THE NEW FABRIC

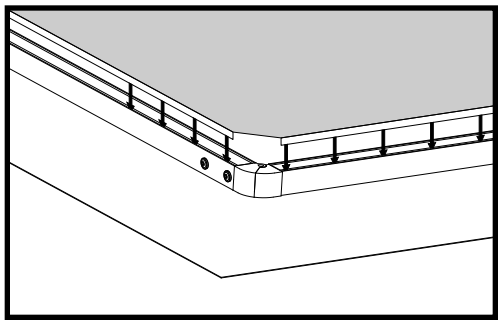
1. Clean area: Handle the fabric with clean hands and on a clean area. Use the enclosed drop cloth below the frame and be sure to wear the white gloves provided with your purchase.

2. Open frame face up: Lay open frame (with feet removed) down on a clean, flat area with the top of the frame facing up.

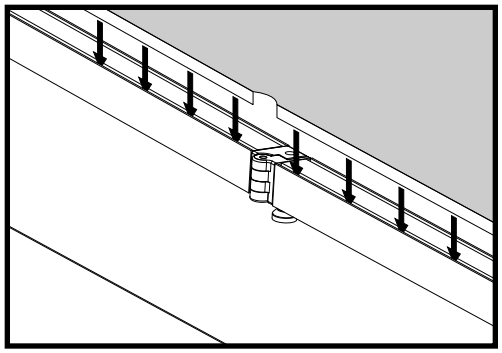
3. Drape fabric over frame: Drape fabric in the position you plan to install it. Remember that the bottom of the frame will have the button heads for attaching the feet.



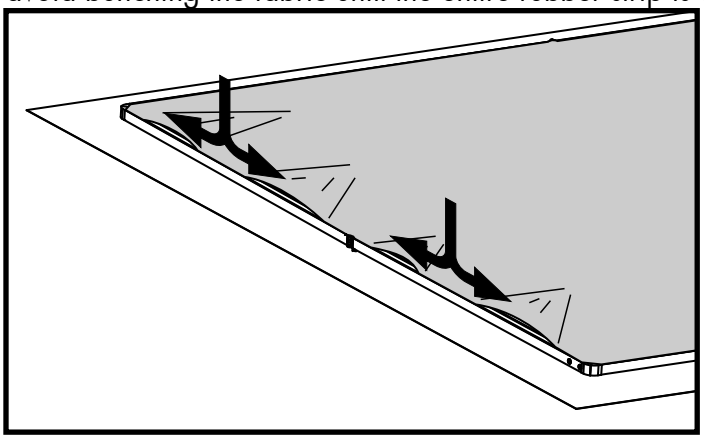
4. Corners first: Insert the rubber strip into the outside slot of the frame in the four corner areas first. On the final corner, it helps to hold one side of the corner while inserting the other side so the first side does not slip. Make sure you insert the rubber strip into the outside slot of the frame.

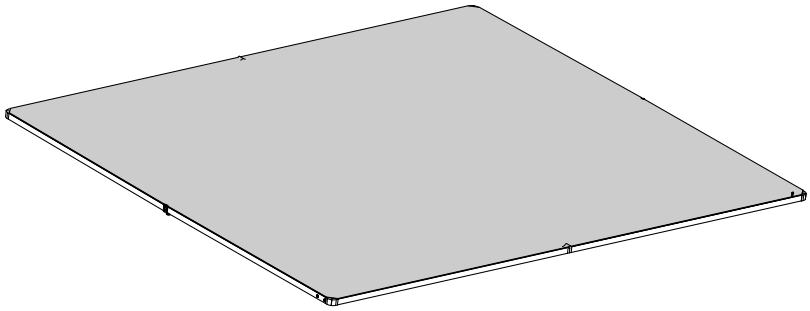


5. Hinge areas next: Insert the rubber strip on both sides of the locking knob first. Do one side frame section, then the other. Next, insert the rubber strip on both sides of the hinge on the top and bottom frame sections.



6. Continue to work from the center of each section: Continue to work from the center of each area to avoid bunching the fabric until the entire rubber strip is completely inserted.





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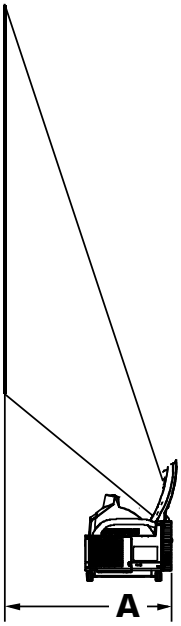
Steps to set up the Projector

1. **PLACE THE PROJECTOR ON THE SURFACE YOU WILL BE USING TO PROJECT FROM** (floor or projector case) **BEHIND** (or in front of) **THE PROJECTION SCREEN**. The projector should be centered to the projection area (white space) and parallel to the screen.

2. Determine the distance between the projector and the projection screen by referring to the set up grid below.

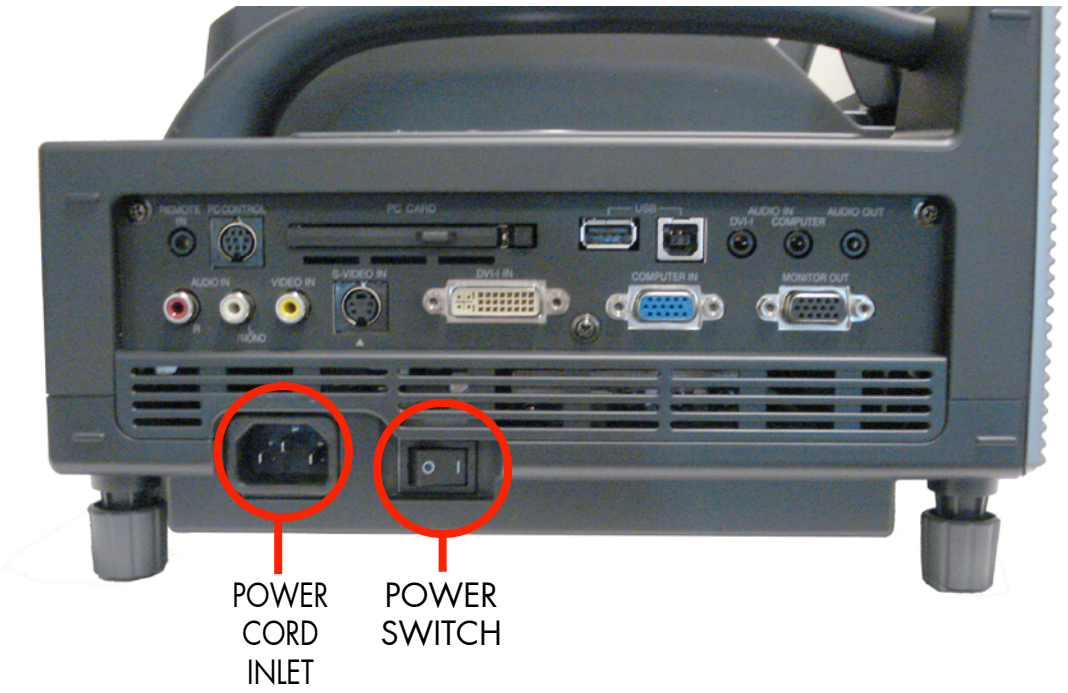
CHOOSE YOUR VIDEO SIZE	SETUP FLOOR INFO
DIAGONAL VIDEO SIZE WHEN FABRIC IS STRETCHED ON FRAME	APPROXIMATE EXHIBIT SPACE NEEDED - DISTANCE FROM SCREEN TO FAR SIDE OF PROJECTOR
50" (127 cm)	**A** 18.00" (45.7 cm)
66.7" (169.4 cm)	24.25" (61.6 cm)
75" (190.5 cm)	27.50" (69.9 cm)
92" (233.7 cm)	33.38" (84.8 cm)
100" (254 cm)	36.50" (92.7 cm)



For example, if your projection area (white space) is a diagonal video size of 50" (127 cm), place the rear of your projector (distance A) 18.00" (45.7 cm) away from the screen.
The projector should be placed on the case for the two smallest screen sizes.

3. **OPEN THE MIRROR** by unlocking the cover lock switch and lifting it to the open position.

4. **PLUG POWER CORD INTO PROJECTOR AND AC OUTLET**



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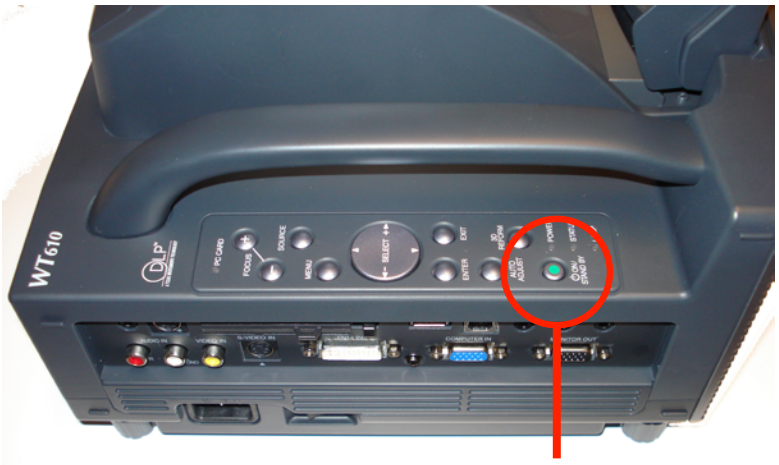
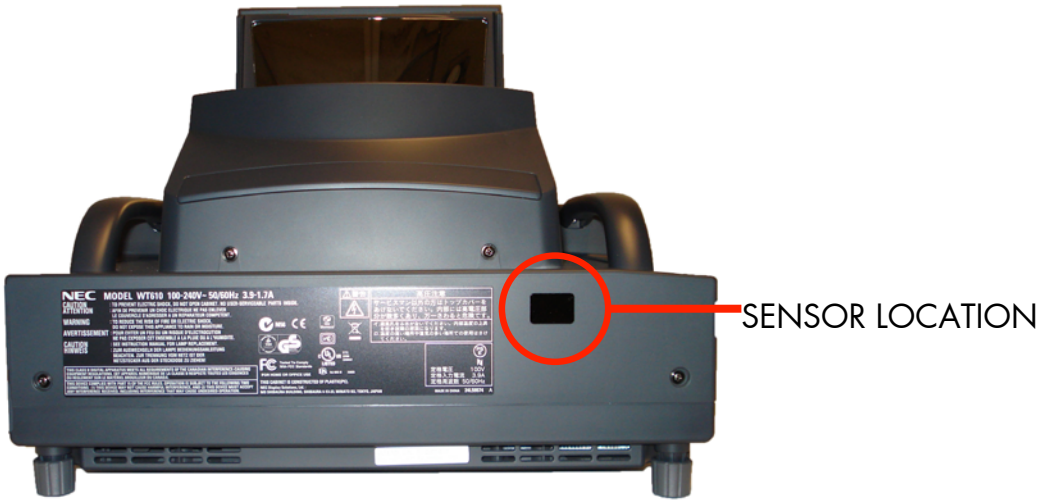
5. **TURN ON THE MAIN POWER SWITCH ON THE PROJECTOR** by pressing the Projector power switch to the on position. Then press the power **"ON/STAND BY"** button on the top of the projector OR the Power **"ON"** button on the remote control for a minimum of two seconds, until the power indicator light turns to a steady green.



6. **MOVE THE PROJECTOR TOWARD OR AWAY FROM THE SCREEN UNTIL THE IMAGE FITS THE WIDTH OF THE SCREEN**. Note that as the size of the image increases or decreases the displayed image will move up or down. Smaller images will move less than larger ones. **THE SCREEN HEIGHT WILL HAVE TO BE CHANGED USING THE ADJUSTABLE FEET IF THE PROJECTOR IS MOVED**. The distance between the screen and projector cannot be changed without changing image size.

7. **PRESS THE MENU BUTTON TO SEE THE MENU DISPLAY ON THE SCREEN**. Each menu tab includes different menu selections. You must hit the tab to access each of its selections. (It is generally easier to use the remote control than the control panel on the projector.) Make sure that the remote control is pointed at the sensor in the projector to assure it receives the signal.



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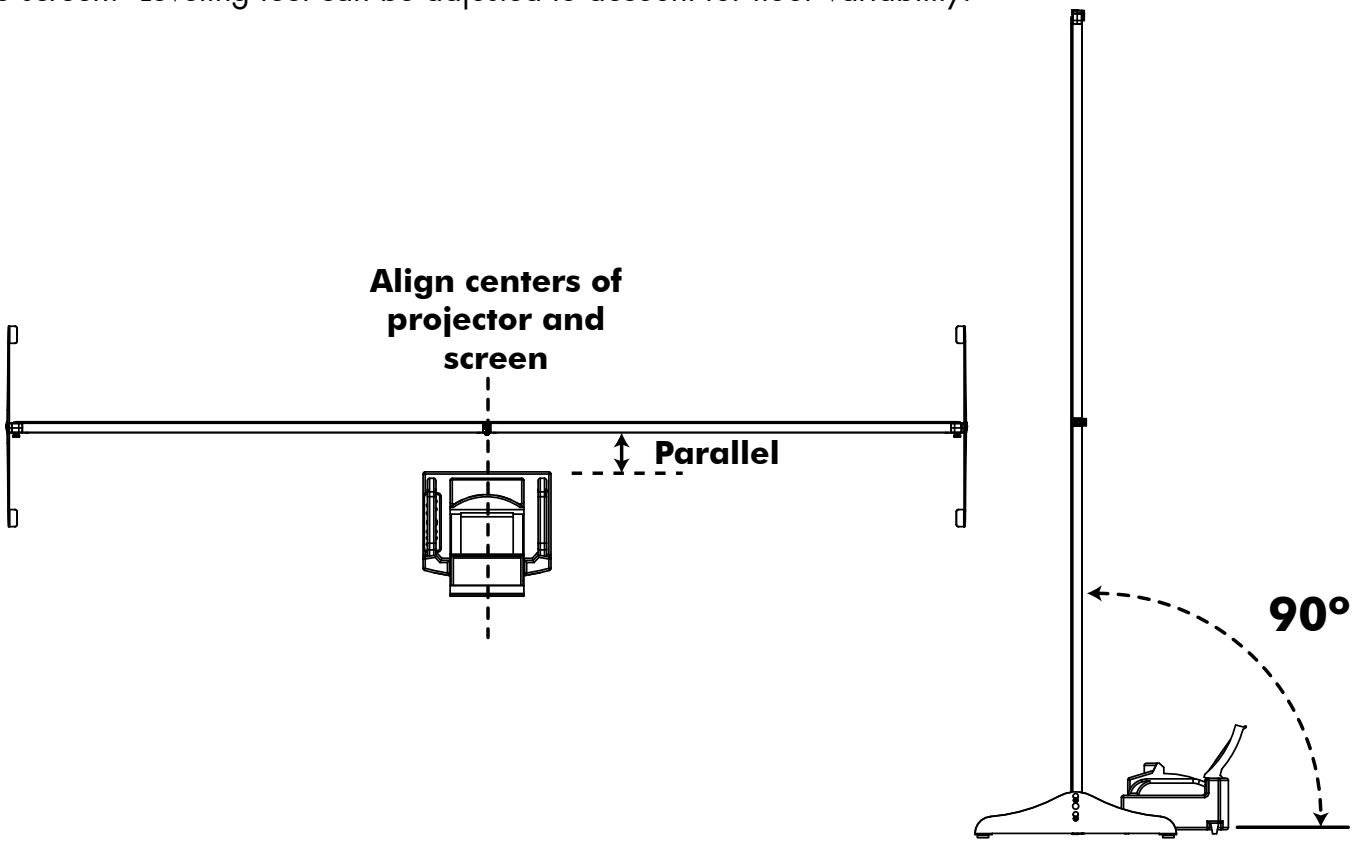
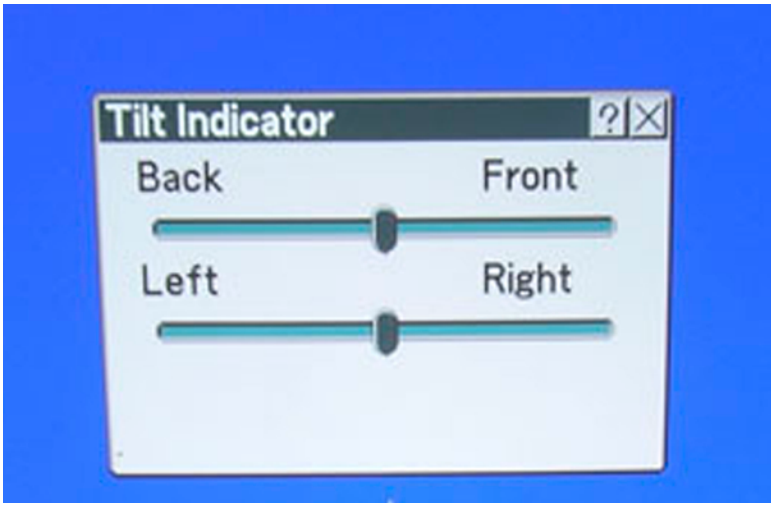
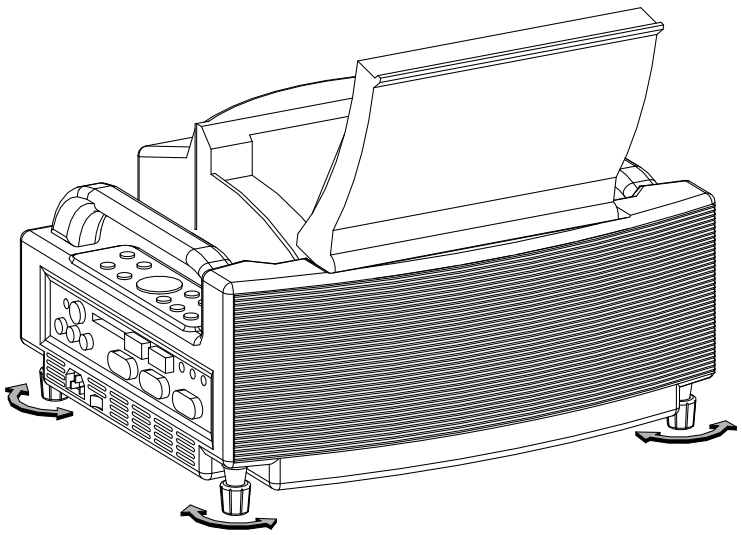
8. **IT IS VERY IMPORTANT TO SQUARE THE PROJECTOR** relative to the projection screen. The projector needs to be centered horizontally relative to the projection area (white space) and parallel to the screen. Leveling feet can be adjusted to account for floor variability.



9. **ENSURE THAT THE PROJECTOR IS LEVEL** by selecting **"SET-UP"** from the screen menu, then select **"TILT INDICATOR"**. If the projector needs to be leveled adjust the projector feet until both tilt indicators are centered. Tilting the projector will move the indicators. The indicators will turn green when the projector is level.





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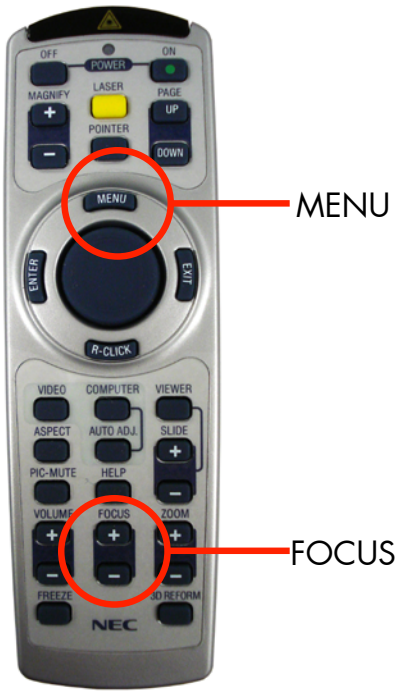
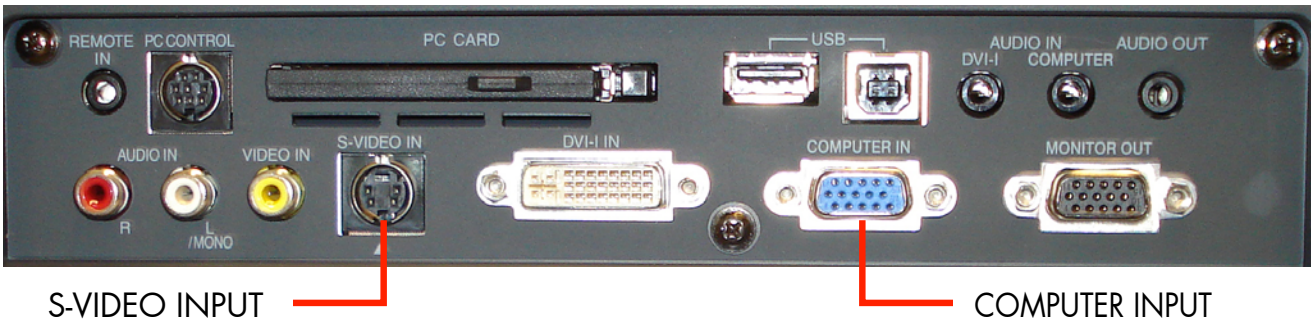
10. **ADJUST THE PROJECTOR FOCUS AND KEYSTONE AS NEEDED**.
    a. Bring up the test pattern by selecting **MENU, SOURCE, TEST PATTERN**
    b. Adjust focus by selecting the focus button until the pattern is clear
    c. Ensure the image is squared by selecting **MENU, SET UP, KEYSTONE**
    d. Repeat 2 and 3 as necessary
    e. If focus is acceptable but image is not square, go back to step 10 to ensure the projector is squared.
    f. To clear these adjustments and start over, depress the 3D Reform button for 3 seconds.



11. **CONNECT THE PROJECTOR TO YOUR COMPUTER (OR DVD PLAYER)** Connect the VGA cable from your computer (or DVD player) select input source (Computer Input or S-Video Input) and start your presentation.



12. **SHUTTING DOWN THE PROJECTOR.** Press the Power button twice. Wait until the power indicator light is red before closing the mirror lid.

Projector Support Resources:

1. Please refer to the instructions enclosed with the projector as they include additional information on how to set up and operate the projector.
2. If you are unable to resolve your questions by reviewing these instructions you may review NEC's website at http://www.necdisplay.com/Products/Product/.
3. If you are still having trouble you may call NEC directly at **1-800-836-0655** (7am - 7pm central standard time Monday through Friday).
4. Should you have trouble after hours you may call our vendor CompView at **1-800-248-1090**.
5. If you are unable to get the help you need from these resources please call Skyline Customer Service at **1-800-328-2725**.

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FREQUENTLY ASKED QUESTIONS - Part 1 (obtained from NEC's website)

1. **Where do I plug in my PC or DVD player?**
   NEC projector input panels feature RGB computer inputs, a composite video input (yellow RCA type plug) and an S-Video input. The RGB computer input (blue) and can also be used with an optional component video adapter for connection to a DVD player or other video source, if desired.

2. **How do I turn on/off the projector?**
   The projector can be turned on with either the remote control, the control panel on the projector or via a control system via RS232. With some projectors there is a Main Power Switch that also has to be turned on.

3. **How do I get the image from my computer to my projector (hot swap of pc)?**
   Function F* (this varies from computer to computer)

4. **How do I mute the picture?**
   Press "Picture Mute" on the Remote Control, with the HTML page over the LAN or when using a control system via RS232.

5. **How do I magnify the image?**
   On models with this feature, image magnification can be controlled by pressing the + or – magnification button on the remote control.

6. **How do I set up the Auto adjust in the menu?**
   The auto adjust feature can be activated by pressing the "auto adj." button on the projector control panel or on the remote control.

7. **How do I set up or use the picture management in the menu?**
   On most NEC remotes there is a button labeled "picture", by pressing this button the menu automatically goes to the picture adjustment screen. Another way to access picture management is to first press "menu", then "adjust" and then go to the picture management tab in the menu.

8. **How do I change from a blue screen to black when there is no signal to the projectors?**
   This can be done by going into the OSM and making the change there or by sending a specific RS232 command to the projector from a computer.

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FREQUENTLY ASKED QUESTIONS - Part 2 (obtained from Skyline Dealers)

1. **What do I do if the projected image is displayed backward?**
   a. Switch to rear projection (if the projector is behind the screen).
      1. Press the **menu** button.
      2. Go to the "**Basic**" tab.
      3. Highlight "**Desktop rear**".
   b. Switch to front projection (if the projector is set up in front of the screen).
      1. Press the **menu** button.
      2. Go to the "**Basic**" tab.
      3. Highlight "**Desktop front**".

2. **What do I do if my projected image is getting worse as I make adjustments?**
   a. Reset the projector to its original settings.
      • Go to Menu and select **RESET**.

3. **What do I do if the image is not displaying on the screen but is displaying in your computer?**
   a. Press Function **F8** (this varies from computer to computer).
   b. Adjust the screen proportion (see directions below).

4. **What do I do if the image displayed "Screen Proportion" appears to be the wrong.**
   a. Check the **Screen Ratio**.
   b. Open Display, click **START**, point to **SETTINGS**, click **CONTROL PANEL**, and then double-click **DISPLAY**.
   c. On the **Settings** tab, under **Screen Resolution**, drag the slider to the second screen, and then click **APPLY**.
      • Select Screen ratio to 1024 x 768 for the correct projector resolution.
   d. When prompted to apply the settings, click **OK**. Your screen will turn black for a moment.
   e. Once your screen resolution changes, you have 15 seconds to confirm the change. Click **YES** to confirm the change; click **NO** or do nothing to revert to your previous setting.

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